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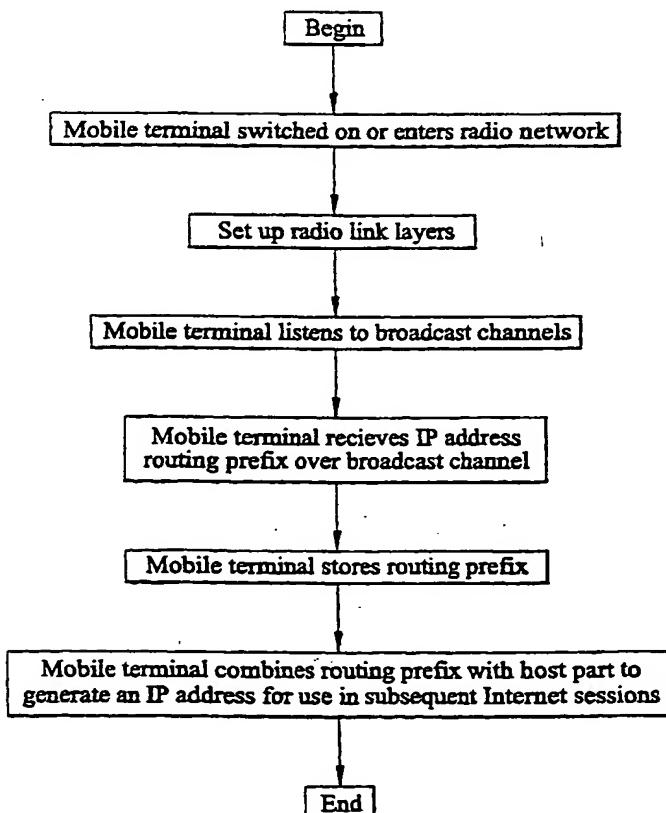
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H04Q 7/22, H04L 29/06 Tom, Mikael; Kyrkvalla 45, FIN-02400 Kirkkonummi (FI).
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[Continued on next page]

(54) Title: MOBILE INTERNET ACCESS



(57) Abstract: A method of allocating an Internet Protocol (IP) address to a mobile wireless terminal (7) within a mobile telecommunications network. The network repeatedly broadcasts, over a radio broadcast channel of the network, a routing prefix corresponding to the Radio Network Controller (RNC) ID. Mobile terminals (7) listen to the broadcast channel, either when registering with the network or subsequently thereto, to determine the routing prefix. A mobile terminal (7) combines the routing prefix with a host port to generate an IP address for subsequent Internet sessions.

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H04L29/12 H04Q7/22 H04L29/06

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 H04L H04Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	COHEN D ET AL: "IP ADDRESSING AND ROUTING IN A LOCAL WIRELESS NETWORK" PROCEEDINGS OF THE CONFERENCE ON COMPUTER COMMUNICATIONS (INFOCOM), US, NEW YORK, IEEE, vol. CONF. 11, 1992, pages 626-632, XP000300088 ISBN: 0-7803-0602-3 page 629, column 1, line 5, paragraph 4 - line 10 page 630, column 1, paragraph 2 --- -/-/	1-9

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	IOANNIDIS J ET AL: "IP-BASED PROTOCOLS FOR MOBILE INTERNETWORKING", COMPUTER COMMUNICATIONS REVIEW, ASSOCIATION FOR COMPUTING MACHINERY, NEW YORK, US, VOL. 21, NR. 4, PAGE(S) 235-245 XP000234940 ISSN: 0146-4833 page 237, column 1 page 238, column 2, paragraph 1 page 238, column 1, paragraph 3 page 239, column 1, paragraph 3	1-9
A	PATENT ABSTRACTS OF JAPAN vol. 1998, no. 04, 31 March 1998 (1998-03-31) & JP 09 327076 A (TOSHIBA CORP), 16 December 1997 (1997-12-16) abstract	1-9

INTERNATIONAL SEARCH REPORT

Information on patent family members

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
JP 09327076 A	16-12-1997	US 5983090 A	09-11-1999

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